

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#) | [Search Form](#) | [Posting Counts](#) | [Show S Numbers](#) | [Edit S Numbers](#) | [Preferences](#) | [Cases](#)**Search Results -**

Terms	Documents
l6 and ((711/\$ or 365/\$ or 360/\$).ccls.)	35

Database: [US Patents Full-Text Database](#)
[US Pre-Grant Publication Full-Text Database](#)

JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

L8	Refine Search
Recall Text	Clear

Search History

DATE: Thursday, December 11, 2003 [Printable Copy](#) [Create Case](#)

Set Name **Query**
side by side

Hit Count **Set Name**
result set

DB=USPT; PLUR=YES; OP=ADJ

<u>L8</u>	l6 and ((711/\$ or 365/\$ or 360/\$).ccls.)	35	<u>L8</u>
<u>L7</u>	L4 and ((duplex\$4 or mirror\$4) near4 (stop\$4 or halt\$4 or suspend\$4 or interrupt\$4 or ceas\$4))	5	<u>L7</u>
<u>L6</u>	L4 and ((memory or storage or disk) near4 control\$4)	474	<u>L6</u>
<u>L5</u>	L4 and ((duplex\$4 or mirror\$4) near4 (stop\$4 or halt\$4 or suspend\$4))	1	<u>L5</u>
<u>L4</u>	L3 and ((read\$4 or load\$4 or fetch\$4) near8 (length or size or measure\$4))	595	<u>L4</u>
<u>L3</u>	L2 and ((memory or storage or disk) near4 (partition\$4 or section\$4 or portion\$4 or divi\$4 or separat\$4))	1268	<u>L3</u>
<u>L2</u>	L1 and ((writ\$4 or stor\$4 or transfer\$4) near4 ((image or redundant or mirror\$4 or duplex\$4) near2 data))	2498	<u>L2</u>
<u>L1</u>	((image or redundant or mirror\$4 or duplex\$4) near2 data) with (memory or storage) with (length or size or measure\$4)	2823	<u>L1</u>

Set Name Query
side by side

Hit Count Set Name
result set

DB=USPT; PLUR=YES; OP=ADJ

<u>L10</u>	L9 and (mirror\$4 or duplex\$4 or redundant)	262	<u>L10</u>
<u>L9</u>	(RAID or array) same (control\$4 near6 (respective or correspond\$4 or associated) near6 (disk or drive))	504	<u>L9</u>
<u>L8</u>	l4 and (control\$4 with (respective or correspond\$4 or associated) with (disk or drive))	12	<u>L8</u>

DB=PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

<u>L7</u>	L6 and ((memory or disk or storage) near6 (group\$4 or partition\$4 or divi\$4 or separat\$4))	72	<u>L7</u>
<u>L6</u>	(snapshot or (snap shot)) with (duplex\$4 or mirror\$4 or redundant)	120	<u>L6</u>

DB=USPT; PLUR=YES; OP=ADJ

<u>L5</u>	l4 and ((memory or disk or storage) near6 (group\$4 or partition\$4 or divi\$4 or separat\$4))	30	<u>L5</u>
<u>L4</u>	(snapshot or (snap shot)) with (duplex\$4 or mirror\$4 or redundant)	65	<u>L4</u>
<u>L3</u>	L2 and ((writ\$4 or stor\$4 or transfer\$4) near4 redundant)	28	<u>L3</u>
<u>L2</u>	L1 near6 (interrupt\$4 or stop\$4 or halt\$4 or suspend\$4 or ceas\$4)	479	<u>L2</u>
<u>L1</u>	duplex\$4	36102	<u>L1</u>

END OF SEARCH HISTORY



> home > about > feedback > login

US Patent & Trademark Office



Try the new Portal design

Give us your opinion after using it.

Search Results

Nothing Found

Your search for **[((duplex* or mirror*) <near/4>(interrupt* or stop* or halt* or suspend* or ceas*)) and redundant and ((memory or disk or storage) <near/6> (group* or divi* or separat*))]** did not return any results.

You may revise it and try your search again below or click advanced search for more options.

((duplex* or mirror*) <near/4>
 (interrupt* or stop* or halt* or
 suspend* or ceas*)) and
 redundant and ((memory or disk
 or storage) <near/6> (group* or
 divi* or separat*))

[Advanced Search] [Search Help/Tips]



Complete Search Help and Tips

The following characters have specialized meaning:

Special Characters	Description
, () [These characters end a text token.
= > < !	These characters end a text token because they signify the start of a field operator. (! is special: != ends a token.)
` @ \Q < { [!	These characters signify the start of a delimited token. These are terminated by the end character associated with the start character.

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)[Membership](#) [Publications/Services](#) [Standards](#) [Conferences](#) [Careers/Jobs](#)**IEEE Xplore®**
RELEASE 1.5Welcome
United States Patent and Trademark Office[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)**Quick Links**

» Se

Welcome to IEEE Xplore® Your search matched [0] of [989552] documents.

- Home
- What Can I Access?
- Log-out

Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

Search

- By Author
- Basic
- Advanced

Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

Print Format

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#)
[Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#)
[No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2003 IEEE — All rights reserved

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)



[Membership](#) [Publications/Services](#) [Standards](#) [Conferences](#) [Careers/Jobs](#)



RELEASE 1.5

Welcome
United States Patent and Trademark Office

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)

Quick Links

» [Adva](#)

Welcome to IEEE Xplore®

- [Home](#)
- [What Can I Access?](#)
- [Log-out](#)

Tables of Contents

- [Journals & Magazines](#)
- [Conference Proceedings](#)
- [Standards](#)

Search

- [By Author](#)
- [Basic](#)
- [Advanced](#)

Member Services

- [Join IEEE](#)
- [Establish IEEE Web Account](#)
- [Access the IEEE Member Digital Library](#)

- 1) Enter a single keyword, phrase, or Boolean expression.
Example: acoustic imaging (means the phrase acoustic imaging plus any stem variations)
- 2) Limit your search by using search operators and field codes, if desired.
Example: optical <and> (fiber <or> fibre) <in> ti
- 3) Limit the results by selecting Search Options.
- 4) Click Search. See [Search Examples](#)

((duplex or mirror\$) <near/4>
(interrupt\$ or stop\$ or halt\$ or suspend\$ or ceas\$)) and redundant and ((memory or

Start Search **Clear**

Note: This function returns plural and suffixed forms of the keyword(s).

Search operators: <and> <or> <not> <in> [More](#)

Field codes: au (author), ti (title), ab (abstract), jn (publication name), de (index term) [More](#)

Search Options:

Select publication types:

- IEEE Journals
- IEE Journals
- IEEE Conference proceed
- IEE Conference proceedir
- IEEE Standards

Select years to search:

From year: to

Organize search results by:

Sort by: In: order
List Results per page

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#)
[Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) |
[Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2003 IEEE — All rights reserved